

CORROSION RESISTANT MEMBER

Patent number: JP10330150
Publication date: 1998-12-15
Inventor: HAYAZAKI TETSUJI
Applicant: KYOCERA CORP
Classification:
- International: C04B35/04; C04B35/10; C04B35/443; H01L21/68
- european:
Application number: JP19970142680 19970530
Priority number(s):

Abstract of JP10330150

PROBLEM TO BE SOLVED: To obtain a corrosion resistant member having an excellent corrosion resistance against plasma in an atmosphere containing a halogen-based corrosive gas such as a fluorine-based or chlorine-based gas.

SOLUTION: This corrosion resistant member is composed of a ceramic sintered compact comprising ≥ 15 wt.% MgO and ≤ 85 wt.% Al₂O₃, in terms of oxides, having any crystal phase of MgO, MgAl₂O₄ and MgO, MgAl₂O₄, and MgAl₂O₄ and Al₂O₃, further having $\geq 3 \mu\text{m}$ average crystalline particle diameter of the crystal phase and having $\leq 0.2\%$ porosity.

Data supplied from the esp@cenet database - Patent Abstracts of Japan